

Message

From: Burdett, Cheryl [burdett.cheryl@epa.gov]
Sent: 6/19/2018 6:40:30 PM
To: Mikalian, Charles [mikalian.charles@epa.gov]
Subject: Re: Private Well Information EPA collected in October 2017 and May of 2018

No problem.

Talk to you tomorrow.

Cheryl Burdett

From: Mikalian, Charles
Sent: Tuesday, June 19, 2018 1:39:56 PM
To: Burdett, Cheryl
Subject: RE: Private Well Information EPA collected in October 2017 and May of 2018

I can't look at it until tomorrow. Sorry.

From: Burdett, Cheryl
Sent: Tuesday, June 19, 2018 1:10 PM
To: Mikalian, Charles <mikalian.charles@epa.gov>
Subject: Private Well Information EPA collected in October 2017 and May of 2018

Hi Chuck:

Barb Theis, Health Officer, Juneau County Health Department is the contact for the study that has collected private well samples in both Wood and Juneau county that ended around May 31, 2018. Approximately, 165 private well samples were collected for nitrates and possibly additional parameters. The last information that I heard about the Juneau and Wood County data are that 41% of the homes tested over the MCL of 10.0 mg/L for Nitrates (I have not confirmed this information). I would like to schedule a meeting with her to see if there is a possibility of EPA and Juneau and Wood County Health Department sharing data.

I have spoken with Barb Theis today and at this time, she is requesting that EPA send her an e-mail with the total number of homes tested in October 2017 and in May of 2018 this will not include private information (no addresses or names).

EPA tested a total of 15 private homes in October 2017 and May 2018 of the 15 homes - one of the homes tested at 10.1mg/L just above the MCL standard of 10.0 mg/L. Seven homes exceeded the MCL of 10.0 mg/L with ranges from 21.9 -40.4 mg/L.

**Additional Information of private homes and surface waters tested by EPA and the parameters analyzed:
October 2017 - 13 Private Homes – EPA collected samples for the following Parameters to be analyzed by CRL:**

- Ammonia – N
- Nitrate-Nitrite
- TKN
- Total Phosphorus

Wisconsin Laboratory of Hygiene analyzed for:

- *E.coli*

In October of 2017- EPA also collected samples from the following surface waters:

Spud Creek

Cranberry Creek

2 – samples from Petewell Lake

– **The following Parameters to be analyzed by CRL:**

BOD,

TDS, TSS,

TKN,

TP, Nitrate-Nitrite

Ammonia- N

Wisconsin Laboratory of Hygiene analyzed for:

- *E.coli*

EPA received results from two homeowners that had results from WDATCP that exceeded MCL 10.0 mg/L.

May of 2018 – EPA collected samples from five private home owner for the following parameters:

Wisconsin Laboratory of Hygiene the following samples were analyzed for:

E.coli

Ammonia

Chloride

Nitrate-Nitrite

Nitrite

Before I send any information to Barb Theis, Health Officer Juneau County, should we share the information of our October 2017 data with WDNR's upper level management.

Sincerely,

Cheryl Burdett